

ARIZONA DEPARTMENT OF TRANSPORTATION * MATERIALS GROUP

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POLICY AND PROCEDURE DIRECTIVE

TO: ALL MANUAL HOLDERS SUBJECT:	PPD NO. 96-4 EFFECTIVE DATE:
CURING COMPOUNDS	March 1, 1996

GENERAL

Douglas A. Forstle Assistant State Engineer

This Policy and Procedure Directive supersedes P.P.D. No. 85-3.

Section 1006-2.05 of the Specifications gives the requirements for liquid membrane forming concrete curing compounds.

Metric (SI) units and values are given in this Policy and Procedure Directive with English units and values following in parentheses. Values given for metric and English units may be numerically equivalent (soft converted) for the associated units, or they may be given as rounded or rationalized values (hard converted). Either the metric or English units along with their corresponding values shall be used in accordance with applicable specifications.

PROJECT RESPONSIBILITIES

- All curing compounds, whether pre-approved with a green sticker or not, are required to have a Certificate of Compliance submitted conforming to the requirements of Section 106.05 of the Specifications.
- 2. When curing compound arrives on the project which has been pre-approved and tagged with a green sticker with the project number, lot number, date sampled and the laboratory log number, it is not required to do any further sampling. The only requirement is that the project shall contact the appropriate laboratory (see Note below) for verification of the various information items and tests results.

Note: Generally Central Lab does the sampling, testing, and tagging of curing compounds for preapproval, and will be the lab which the project will contact for verification. In some cases, however, the Regional Lab will sample the curing compound and send it to Central Lab for testing. Central Lab will then notify the Regional lab of the test results and other pertinent information, and the Regional Lab will tag the curing compound. In these cases the project shall contact the Regional Lab for verification.

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- 3. When curing compound arrives on the project which has not been preapproved, immediately sample it [approximately 2 liters (1/2 gallon)] and send it to Central Lab for testing. Make sure the project number, manufacturers name, type of curing compound, and lot number are on the sample ticket.
- 4. Do not use any curing compound until approval has been received either by verification for pre-tested material or notification of acceptable test results for project sampled material.

REGION/DISTRICT RESPONSIBILITIES

1. Confer with Materials Group-Central Lab, in maintaining current sampling procedures and receiving other guidelines as necessary.

MATERIALS GROUP-CENTRAL LAB RESPONSIBILITIES

- 1. Promptly notify Project Personnel of acceptability of samples submitted for testing.
- 2. Send copies of test results on pre-approved curing compounds to the project and the Regional Lab.
- 3. Assist Regional and Project Lab personnel in the sampling and evaluation of curing compounds.

Douglas A. Forstie Assistant State Engineer

Assistant State Engine

Materials Group

Approved by:

August V. Hardt

Deputy State Engineer Highway Operations Group